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ACCESSION NBR:9409060041      DOC.DATE: 94/08/25      NOTARIZED: NO      DOCKET #  
 FACIL:50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv      05000387  
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 STANLEY,H.G.      Pennsylvania Power & Light Co.  
 RECIP.NAME      RECIPIENT AFFILIATION

SUBJECT: LER 94-007-01:on 940328,fire rated wall discovered to contain gaps due to inadequate insps.Accessible areas w/ similar configuration inspected & required reworks identified.W/940828 ltr.

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NOTES: 05000387

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**Pennsylvania Power & Light Company**

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August 28, 1994

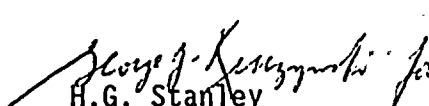
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SUSQUEHANNA STEAM ELECTRIC STATION  
LICENSEE EVENT REPORT 94-007-01  
FILE R41-2  
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Docket No. 50-387  
License No. NPF-14

Attached is Licensee Event Report 94-007-01. This update is being provided pursuant to 10CFR50.73(a)(2)(i)(B) in that additional inoperable fire rated barriers were discovered during the follow-up inspections described in LER 94-007-00.

  
H.G. Stanley  
VP - Nuclear Operations

HL/mjm

cc: Mr. T. T. Martin  
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LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) <b>Susquehanna Steam Electric Station - Unit 1</b>	DOCKET NUMBER (2) <b>0 5 0 0 0 3 8 7</b>	PAGE (3) <b>1 OF 0 3</b>
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TITLE (4)  
**Inoperable Fire Barrier - Condition Prohibited by Technical Specifications**

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
03	28	94	94	007	01	08	25	94	<b>S.S.E.S. - Unit 2</b>		<b>0 5 0 0 0 3 8 8</b>

OPERATING MODE (9) <b>1</b>	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)										
POWER LEVEL (10) <b>1 0 0</b>	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(c)	<input type="checkbox"/> 60.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)							
	<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 60.38(c)(1)	<input type="checkbox"/> 60.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)							
	<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 60.38(c)(2)	<input type="checkbox"/> 60.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)							
	<input type="checkbox"/> 20.406(a)(1)(iii)	<input checked="" type="checkbox"/> 60.73(a)(2)(i)	<input type="checkbox"/> 60.73(a)(2)(viii)(A)								
	<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 60.73(a)(2)(ii)	<input type="checkbox"/> 60.73(a)(2)(viii)(B)								
	<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 60.73(a)(2)(iii)	<input type="checkbox"/> 60.73(a)(2)(ix)								

LICENSEE CONTACT FOR THIS LER (12)										
NAME <b>Harrison Lloyd, Jr. - Power Production Engineer</b>							TELEPHONE NUMBER <b>7 1 7 5 4 2 1 3 9 1 7</b>			

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)										
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	

SUPPLEMENTAL REPORT EXPECTED (14)							EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO											

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On March 28, 1994, with Unit 1 at 100% power, a fire rated wall was discovered to contain gaps where it meets the ceiling, rendering the barrier inoperable. The Technical Specification LCO action statement was entered and an hourly fire watch was established. This condition appears to have existed since initial construction. Failure to previously identify this condition was attributed to inadequate inspections. A causal factor was procedural weakness. This condition was determined to be reportable per 10CFR50.73(a)(2)(i)(B), as a condition prohibited by Technical Specification in that the LCO action statement had not been entered for inoperable fire barriers. There were no safety consequences as a result of this event. Work documents were generated to repair this condition and to inspect other areas with similar configuration. On July 26, 1994, the inspection was completed and three areas with similar conditions were noted. These additional areas will also be repaired. The surveillance procedure was revised to emphasize the requirement to inspect the wall to ceiling joint. This event will be reviewed with those personnel who perform these inspections with emphasis on this requirement.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 500 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)  Unit 1 Susquehanna Steam Electric Station	DOCKET NUMBER (2)  0   5   0   0   0   3   8   7	LER NUMBER (6)			PAGE (3)		
		YEAR 9   4	SEQUENTIAL NUMBER -   0   0   7	REVISION NUMBER -   0   1	0   2	OF	0   3

TEXT (If more space is required, use additional NRC Form 366A's) (17)

DESCRIPTION OF EVENT

On March 28, 1994, with Unit 1 in Condition 1 (RUN), at 100% power, during performance of fire barrier inspections, gaps were noted where a fire rated wall joins the ceiling. This condition rendered the barrier inoperable and the Technical Specification action statement was entered. The system status file was updated to reflect this condition and an hourly fire watch was established.

On July 26, 1994, the inspection of accessible areas with similar configuration was completed, and three additional areas were noted to have a similar condition and additional fire watches were established.

CAUSE OF EVENT

This condition appears to have existed since initial construction. The cause of failure to identify this condition during previous surveillance inspections was attributed to inadequate inspection. The subject gaps are located where fire rated walls meet fire rated ceilings. The joints (wall to ceiling) are physically very hard to get to and there are numerous obstructions such as electrical raceways and hangers blocking viewing of the areas. In addition, the procedure specifies inspection of the walls, floors, and ceiling but does not specifically mention the joint where the wall meets the floor and ceiling.

REPORTABILITY/ANALYSIS

This condition was determined to be reportable per 10CFR50.73(a)(2)(i)(B), as a condition prohibited by Technical Specifications in that the required Limiting Condition for Operation action statement had not been entered for inoperable fire barriers prior to discovery of this condition. There were no safety consequences as a result of this condition and the safety of the public or plant personnel was not significantly compromised. In the unlikely event of a fire, the barriers would still have afforded some degree of protection. Fire detection in these areas is highly reliable and would have performed its function.

This condition would not have been more significant at any other plant operating condition.

In accordance with guidance provided in NUREG-1022, Supplement 1, item 14.1, the required submission date for this report update was determined to be August 25, 1994.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)  Unit 1 Susquehanna Steam Electric Station	DOCKET NUMBER (2)  0   5   0   0   0   3   8   7	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		9   4	-   0   0   7	-   0   1	0   3	OF	0   3

TEXT (If more space is required, use additional NRC Form 366A's) (17)

CORRECTIVE ACTION

Work documents were generated to seal the gaps in the wall to ceiling joints. The surveillance procedure was revised to emphasize these specific joints and the requirement to inspect them properly. This event will be reviewed with those personnel (utility, non-licensed) who perform these inspections with emphasis on this requirement. All accessible areas with similar configuration were inspected and all required reworks have been identified.

ADDITIONAL INFORMATION

Failed Component Identification: N/A

Previous Similar Reported Events:

Although there have been previous reports involving inoperable fire barriers, there were none involving wall to ceiling joints.